

AGENCY PROFILE

Program Year 2008

Fresno County Economic Opportunities Commission

Service Area	Fresno County
Total Low Income Households	102,085

See Footnote #1

Households Served and Average Benefit

Program Component	Service Area		Statewide
	Households Served	Average Benefit per Household	Average Benefit per Household
ECIP EHCS Cooling	0	\$0	\$861
ECIP EHCS Heating	0	\$0	\$1,208
ECIP Fast Track	3519	\$289	\$351
ECIP WPO	120	\$344	\$322
HEAP Gas & Electric	5206	\$278	\$238
HEAP WPO	193	\$214	\$299
Weatherization	1392	\$727	\$1,446

See Footnote #2

Household Income

	Service Area			Statewide		
	Under 100%	101 - 125%	Over 125%	Under 100%	101 - 125%	Over 125%
LIHEAP Eligible Households						
Census Data	42%	17%	41%	39%	16%	45%

Program Component	Service Area				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	72%	13%	9%	3%	3%
ECIP Fast Track	76%	11%	9%	2%	1%
HEAP Gas & Electric	61%	13%	21%	4%	2%
HEAP WPO	43%	10%	21%	7%	18%
Weatherization	30%	17%	20%	13%	20%

Program Component	Statewide				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	28%	17%	24%	16%	15%
ECIP Fast Track	49%	16%	18%	8%	9%
HEAP Gas & Electric	30%	16%	33%	12%	10%
HEAP WPO	28%	14%	28%	13%	17%
Weatherization	28%	17%	25%	13%	17%

See Footnote #3

AGENCY PROFILE

Program Year 2008

Vulnerable Populations

LIHEAP Eligible Households	Service Area			Statewide		
	Elderly	Disabled	Children Under 5	Elderly	Disabled	Children Under 5
Census Data	27%	37%	10%	33%	37%	8%

Program Component	Service Area	Statewide
	VP HHs to Total HHs	VP HHs to Total HHs
ECIP EHCS & WPO	88%	77%
ECIP Fast Track	88%	81%
HEAP Gas & Electric	44%	76%
HEAP WPO	67%	82%
Weatherization	78%	77%

See Footnote #4

Energy Burden

National Average	15%
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Program Component	Service Area Average Energy Burden
ECIP Fast Track	33%
HEAP Gas & Electric	24%
Weatherization	30%

See Footnote #5

Primary Heating Fuel Type

	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Census Data	57%	35%	6%	0%	2%	1%

Program Component	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Weatherization	96%	3%	1%	0%	0%	0%

See Footnote #6

ECIP/HEAP Expenditures

Program Component	Service Area	Statewide Range
	Actual Expenditures	Actual Expenditures
ECIP EHCS	0%	1% - 30%
ECIP Fast Track	43%	7% - 42%
ECIP WPO	1%	1% - 21%
HEAP Gas/Electric	55%	27% - 67%
HEAP WPO	1%	1% - 21%

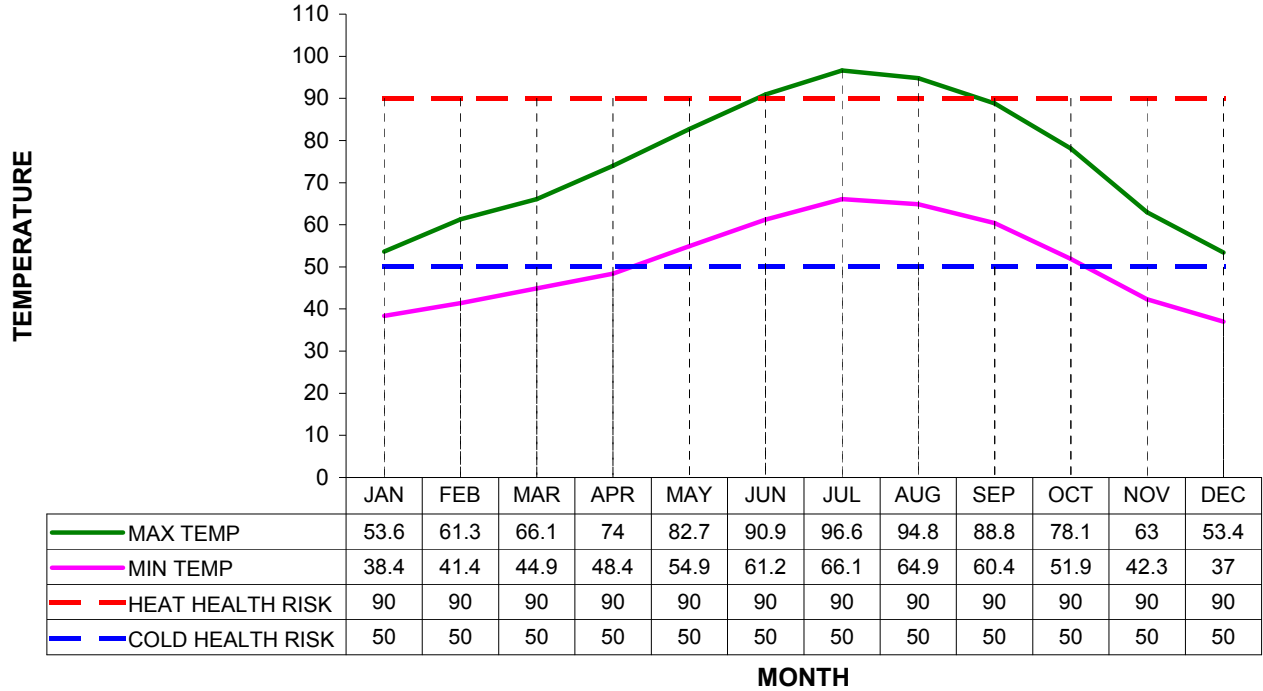
See Footnote #7

AGENCY PROFILE

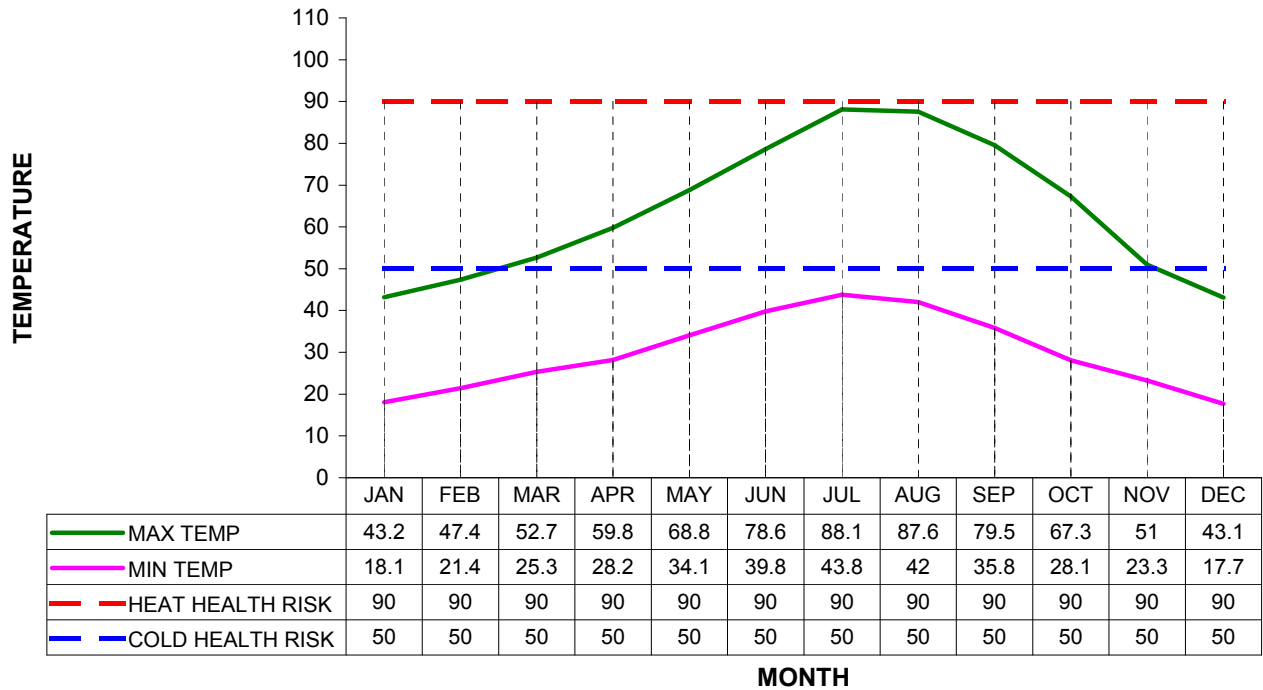
Program Year 2008

Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 13



REPRESENTATIVE CEC CLIMATE ZONE 16



AGENCY PROFILE

Program Year 2008

Climate Data

Heating/Cooling Seasons

Zone	Heating Months	Cooling Months
13	November - April	June - August
16	January - December	n/a

CEC Climate Zone Descriptions

Zone	Description
13	Central inland valley
16	Mountain

See Footnote #8

California Energy Commission (CEC) Building Climate Zones by City

City	Climate Zone	City	Climate Zone
Academy	13	Kings River (South Fork)	16
Arroyo Hondo	13	Kingsburg	13
Auberry	13	Lakeshore	16
Big Creek	16	Lanare	13
Biola	13	Laton	13
Black Mountain	13	Little Panoche	13
Bonadella Ranchos – Madera Rancho	13	Mammoth Pool Reservoir	16
Bowles	13	Malaga	13
Burrelield	13	Meadow Lakes	16
Calflax	13	Mendota	13
Calwa	13	Millerton Lake	13
Caruthers	13	Miramonte	13
Cedar Grove	16	Monmouth	13
Centerville	13	Mono Hot Springs	16
Clovis	13	Mount Darwin	16
Coalinga	13	Mount Pinchot	16
Conejo	13	Navelencia	13
Courtright Reservoir	16	New Auberry	13
Del Rey	13	Oilfields	13
Dinkey Creek	16	Orange Cove	13
Dunlap	13	Oro Loma	13
Easton	13	Oxalis	13
Figarden	13	Parlier	13
Firebaugh	13	Piedra PO	13
Five Points	13	Pine Canyon	13
Florence Lake	16	Pine Ridge	16
Fowler	13	Pinedale	13
Fresno	13	Pinehurst	16
Fresno Slough	13	Prather	13
Friant	13	Raisin City	13
Helm	13	Reedley	13
Herndon	13	Riverdale	13
Highway City	13	Roaring River	16
Hume	16	Rolinda	13
Humphreys Station	13	San Joaquin	13
Huntington Lake	16	Sanger	13
Huron	13	Selma	13
Ivesta	13	Shaver Lake	16
Jamesan	13	Silver Creek	13

AGENCY PROFILE
Program Year 2008

Kalser Peak	16	Spanish Mountain	16
Kerman	13	Squaw Valley	13
Kings River	13	Thomas A. Edison Lake	16
Kings River (Middle Fork)	16	Three Rocks	13
Kings River (North Fork)	16	Tollhouse	13

AGENCY PROFILE

Program Year 2008

Climate Data

California Energy Commission (CEC) Building Climate Zones by City - continued

City	Climate Zone	City	Climate Zone
Tranquillity	13	Vermilion Valley Dam	16
Trimmer	16	Westhaven	13
Turk	13	Wishin Reservoir	16

See Footnote #9

Department of Energy (DOE) Climate Zones by Weather Station

Weather Station	Cooperative Station ID #	Heating Degree Days (65° Base)	Cooling Degree Days (65° base)	DOE Climate Zone
Aubuerry 2 NW	40379	2,868	1,922	4
Balch Power House	40449	3,045	1,794	4
Coalinga	41864	2,234	2,204	5
Five Points 5 SW	43083	2,446	1,784	4
Fresno Yosemite FAT (Intl)	43257	2,447	1,963	4
Friant Government Camp	43261	2,672	1,708	4
Huntington Lake	44176	6,992	93	2
Orange Cove	46476	2,538	1,857	4

See Footnote #10

Repeat Customers

Program Component	Service Area	Statewide
	Repeat Customers	Repeat Customers
HEAP	12%	20%
Fast Track	5%	10%

See Footnote #11

AGENCY PROFILE

Program Year 2008

Footnotes

1. **Total Low Income Households**
Source:
 - Census information was provided by the California Department of Finance.
2. **Households Served and Average Benefit**
 - The average benefit per household for ECIP EHCS and Weatherization was calculated by dividing the total direct program activity by the total households served.
 - The average benefit per household for Fast Track, WPO and HEAP was calculated by dividing the total benefits received by the total households served.Sources:
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
3. **Household Income**
Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
4. **Vulnerable Populations**
 - The number of vulnerable population households is not duplicated.Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
5. **Energy Burden**

The energy burden is calculated by dividing the total household energy costs by the total household income.

Source:
 - The national average energy burden was derived from the LIHEAP Home Energy Workbook for Fiscal Year 2005, DHHS, May 2007, page i.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
6. **Primary Heating Fuel Type**
 - Fuel types represent the types of fuels used as the primary heating source for low-income homes.
 - The other heating fuel type category includes but is not limited to solar, coal and non-existent heating.Source:
 - Census information was provided by the California Department of Finance.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2006, the first year that fuel types were collected for LIHEAP.

AGENCY PROFILE

Program Year 2008

Footnotes

7. ***ECIP/HEAP Expenditures***
 - The expenditure ratios were calculated by dividing the total expenditures for each program by the sum total of all program expenditures included in this analysis.
 - One standard deviation was used to determine the statewide ranges over a period of five years. For normally distributed data, about 68% of the values are within 1 standard deviation of the average.

Sources:

 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Years 2002 through 2006.
 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2002 through 2006.
8. ***Representative CEC Climate Zones***
 - Heat and Cold Level 1 is categorized as cautionary.
 - Heat and Cold Level 2 is categorized as extremely cautionary.

Source:

 - Cautionary levels of temperature were obtained from the California Office of Emergency Services.
 - Average monthly maximum and minimum temperatures were derived from the National Oceanic and Atmospheric Administration (NOAA), Monthly Station Normals of Temperature, Precipitation and Heating and Cooling Degree Days 1971-2000, 04 California, February 2002.
9. ***CEC Building Climate Zones by City***

Source:

 - Climate zone data was obtained from the Joint Appendices for the 2005 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, October 2004, Table II.2.
10. ***DOE Climate Zones by Weather Station***
 - Heating and cooling degree days are used to categorize weather stations within a service area into DOE climate zones using a pre-established range of heating and cooling degree days.
 - A degree day is calculated by subtracting the average temperature of the day from the degree day base. If it is a heating degree day, it is the difference below the base. If it is a cooling degree day, it is the difference above the base. The degree days are averaged over a 30-year period.

Source:

 - Weather stations and degree days were obtained from the National Oceanic & Atmospheric Administration (NOAA), Annual Degree Days to Selected Bases, 1971-2000, released 6/20/02.
11. ***Repeat Customers***
 - The rate of repeat customers receiving utility assistance was calculated by dividing the total customers receiving services two or more consecutive program years by the total customers served from Program Years 2004 through 2006.

Source:

 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2004 through 2006.